

09/76/303 East Search 3/23/05 HMB

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|-----|--------|--------------------------------------|-------------------------------|---------------|-----|
| BRS | 59 | bussgang | US-PGPUB; USPAT; EPO; DERWENT | 3/23/05 12:56 | S30 |
| BRS | 3 | bussgang with cost | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 12:12 | S31 |
| BRS | 1 | 5282225.pn. and bussgang | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 16:04 | S32 |
| BRS | 615 | constant adj modulus | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 16:04 | S1 |
| BRS | 461198 | S1 or cm | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 16:04 | S2 |
| BRS | 161 | S2 near4 cost | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 16:06 | S3 |
| BRS | 101 | S3 and @ad<"20001020" | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 16:05 | S4 |
| BRS | 40 | S3 and @rlad<"20001020" | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 16:05 | S5 |
| BRS | 117 | S4 or S5 | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 16:05 | S6 |
| BRS | 12 | S1 near4 cost | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 16:06 | S7 |
| BRS | 12 | S7 and S1 | US-PGPUB; USPAT; EPO; DERWENT | 1/7/05 15:59 | S8 |
| BRS | 9 | S8 and sampl\$5 | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 16:19 | S9 |
| BRS | 37 | 5872815 | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 16:16 | S10 |
| BRS | 2 | 5872815.pn. | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 16:16 | S11 |
| BRS | 1 | 5282225.pn. and sampl\$5 | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 16:46 | S12 |
| BRS | 1 | S9 and hdtv | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 18:42 | S13 |
| BRS | 1 | 6418164.pn. and gradient | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 19:12 | S14 |
| BRS | 1 | 6418164.pn. and sampl\$5 | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 19:14 | S15 |
| BRS | 1 | 6418164.pn. and phase near4 error\$1 | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 19:19 | S16 |
| BRS | 0 | 6418164.pn. and derivitiv\$5 | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 19:20 | S17 |
| BRS | 1 | 6418164.pn. and derivativ\$5 | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 19:25 | S18 |
| BRS | 1 | 6418164.pn. and quality | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 19:29 | S19 |
| BRS | 1 | 6418164.pn. and "82" | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 19:28 | S20 |
| BRS | 0 | 6418164.pn. and snr | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 19:28 | S21 |
| BRS | 1 | 6418164.pn. and terms | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 19:31 | S22 |
| BRS | 0 | 6418164.pn. and weight | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 19:32 | S23 |
| BRS | 1 | 6418164.pn. and weight\$5 | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 19:32 | S24 |
| BRS | 2 | 6418164.pn. and least | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 19:38 | S25 |
| BRS | 1 | 6418164.pn. and chip\$1 | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 19:39 | S26 |
| BRS | 1 | 6418164.pn. and television | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 19:43 | S27 |
| BRS | 1 | 6418164.pn. and delay | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 19:51 | S28 |
| BRS | 1 | 6418164.pn. and coefficie\$7 | US-PGPUB; USPAT; EPO; DERWENT | 6/24/04 19:51 | S29 |
| BRS | 2 | 6418164.pn. | US-PGPUB; USPAT; EPO; DERWENT | 1/7/05 14:31 | S33 |
| BRS | 1 | (timing or tim\$5) and S33 | US-PGPUB; USPAT; EPO; DERWENT | 1/7/05 14:32 | S34 |
| BRS | 1 | S34 and blind\$ | US-PGPUB; USPAT; EPO; DERWENT | 1/7/05 15:32 | S35 |
| BRS | 1 | S33 and phase and error\$5 | US-PGPUB; USPAT; EPO; DERWENT | 1/7/05 16:27 | S36 |
| BRS | 669 | constant adj modulus | US-PGPUB; USPAT; EPO; DERWENT | 1/7/05 15:59 | S37 |
| BRS | 14 | S37 near4 cost | US-PGPUB; USPAT; EPO; DERWENT | 1/7/05 15:59 | S38 |
| BRS | 64 | bussgang | US-PGPUB; USPAT; EPO; DERWENT | 1/7/05 15:59 | S40 |
| BRS | 14 | S38 and S37 | US-PGPUB; USPAT; EPO; DERWENT | 1/7/05 16:00 | S39 |
| BRS | 34222 | phase near4 error\$4 | US-PGPUB; USPAT; EPO; DERWENT | 1/7/05 16:00 | S41 |
| BRS | 6 | S39 and S41 | US-PGPUB; USPAT; EPO; DERWENT | 1/7/05 16:02 | S42 |
| BRS | 14 | S43 not S39 | US-PGPUB; USPAT; EPO; DERWENT | 1/7/05 16:02 | S44 |
| BRS | 14 | S37 same S41 | US-PGPUB; USPAT; EPO; DERWENT | 1/7/05 16:23 | S43 |
| BRS | 8 | S43 and blind | US-PGPUB; USPAT; EPO; DERWENT | 1/7/05 16:24 | S45 |
| BRS | 211 | strolle.in. | US-PGPUB; USPAT; EPO; DERWENT | 1/7/05 16:24 | S46 |
| BRS | 0 | S46 and (blind adj cost) | US-PGPUB; USPAT; EPO; DERWENT | 1/7/05 16:27 | S47 |
| BRS | 19 | S37 same timing near3 recovery | US-PGPUB; USPAT; EPO; DERWENT | 1/7/05 16:27 | S48 |
| BRS | 3 | S48 same phase and error\$5 | US-PGPUB; USPAT; EPO; DERWENT | 1/7/05 16:28 | S49 |
| BRS | 0 | S48 same phase near3 error\$5 | US-PGPUB; USPAT; EPO; DERWENT | 1/7/05 16:28 | S50 |
| BRS | 2 | 5282255.pn. | US-PGPUB; USPAT; EPO; DERWENT | 1/18/05 14:04 | S51 |
| BRS | 2 | 5282225.pn. | US-PGPUB; USPAT; EPO; DERWENT | 1/18/05 14:04 | S52 |
| BRS | 0 | S52 and error same phase | US-PGPUB; USPAT; EPO; DERWENT | 1/18/05 14:17 | S53 |
| BRS | 2 | S52 and error | US-PGPUB; USPAT; EPO; DERWENT | 1/18/05 14:05 | S54 |
| BRS | 1 | S52 and (phase or timing) | US-PGPUB; USPAT; EPO; DERWENT | 1/18/05 14:06 | S55 |
| BRS | 2 | 5311546.pn. | US-PGPUB; USPAT; EPO; DERWENT | 1/18/05 14:07 | S56 |
| BRS | 1 | S56 and blind | US-PGPUB; USPAT; EPO; DERWENT | 1/18/05 14:09 | S57 |
| BRS | 0 | 6418164.pn. and bussgang | US-PGPUB; USPAT; EPO; DERWENT | 1/18/05 14:15 | S58 |
| BRS | 64 | bussgang | US-PGPUB; USPAT; EPO; DERWENT | 1/18/05 14:10 | S59 |
| BRS | 1523 | constant near2 modulus | US-PGPUB; USPAT; EPO; DERWENT | 1/18/05 14:10 | S60 |
| BRS | 4 | S59 same S60 | US-PGPUB; USPAT; EPO; DERWENT | 1/18/05 14:10 | S61 |
| BRS | 1 | 6418164.pn. and derivativ\$6 | US-PGPUB; USPAT; EPO; DERWENT | 1/18/05 14:15 | S62 |

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| BRS | 4307 | gradient same derivativ\$6 | US-PGPUB; USPAT; EPO; DERWENT | 1/18/05 14:16 | S63 |
| BRS | 10 | S60 and S63 | US-PGPUB; USPAT; EPO; DERWENT | 1/18/05 14:16 | S64 |
| BRS | 7 | S64 and error same phase | US-PGPUB; USPAT; EPO; DERWENT | 1/18/05 14:17 | S65 |
| BRS | 2 | 6418164.pn. | US-PGPUB; USPAT; EPO; DERWENT | 3/22/05 15:08 | S66 |
| IS&R | 4 | ((("5311546") or ("6418164"))).PN. | US-PGPUB; USPAT; EPO; DERWENT | 3/22/05 16:28 | S67 |
| BRS | 64 | bussgang | US-PGPUB; USPAT; EPO; DERWENT | 3/22/05 15:16 | S68 |
| BRS | 697 | constant adj modulus | US-PGPUB; USPAT; EPO; DERWENT | 3/22/05 15:16 | S69 |
| BRS | 754 | S68 or S69 | US-PGPUB; USPAT; EPO; DERWENT | 3/22/05 15:17 | S70 |
| BRS | 6 | S70 with (phase or timing) near2 (error\$1 or estimat\$4) | US-PGPUB; USPAT; EPO; DERWENT | 3/22/05 15:37 | S71 |
| BRS | 5 | S71 and phase and cma | US-PGPUB; USPAT; EPO; DERWENT | 3/22/05 15:41 | S72 |
| BRS | 9 | cma with (phase or timing) near2 (error\$1 or estimat\$4) | US-PGPUB; USPAT; EPO; DERWENT | 3/22/05 15:38 | S73 |
| BRS | 9 | S73 and phase and cma | US-PGPUB; USPAT; EPO; DERWENT | 3/22/05 15:41 | S74 |
| IS&R | 2 | ("5311546").PN. | US-PGPUB; USPAT; EPO; DERWENT | 3/22/05 16:28 | S75 |
| BRS | 0 | S75 and vsb | US-PGPUB; USPAT; EPO; DERWENT | 3/22/05 16:31 | S76 |
| BRS | 0 | S75 and vestigial\$4 | US-PGPUB; USPAT; EPO; DERWENT | 3/22/05 16:29 | S77 |
| BRS | 0 | atsc and S75 | US-PGPUB; USPAT; EPO; DERWENT | 3/22/05 16:29 | S78 |
| BRS | 17 | atsc near3 encod\$3 same digital adj television | US-PGPUB; USPAT; EPO; DERWENT | 3/22/05 16:29 | S79 |
| BRS | 0 | S75 and "a/d" | US-PGPUB; USPAT; EPO; DERWENT | 3/22/05 16:31 | S80 |
| BRS | 1 | S75 and analog | US-PGPUB; USPAT; EPO; DERWENT | 3/22/05 16:32 | S81 |
| BRS | 1 | S75 and digital | US-PGPUB; USPAT; EPO; DERWENT | 3/22/05 16:44 | S82 |
| BRS | 369 | vsb with hdtv | US-PGPUB; USPAT; EPO; DERWENT | 3/22/05 16:44 | S83 |
| BRS | 23 | S83 same advantag\$6 | US-PGPUB; USPAT; EPO; DERWENT | 3/22/05 16:45 | S84 |
| BRS | 12 | S83 with advantag\$6 | US-PGPUB; USPAT; EPO; DERWENT | 3/22/05 16:51 | S85 |
| BRS | 611 | interpolat\$5 near4 ("a/D" or (analog adj digital)) | US-PGPUB; USPAT; EPO; DERWENT | 3/22/05 16:51 | S86 |
| BRS | 12 | S86 with advantag\$6 | US-PGPUB; USPAT; EPO; DERWENT | 3/22/05 16:51 | S87 |